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In the claims:

Amend claims 1 and 4-7 as follows:

1. (Amended) A method for recovering mesenchymal stem cells, comprising:
- (a) providing a mixture comprising mesenchymal stem cells;
 - (b) seeding the mixture into a culture device; and
 - (c) culturing the mesenchymal stem cells.

4. (Amended) The method as claimed in claim 1, wherein the mixture comprises mammalian mesenchymal stem cells.

A4 5. (Amended) The method as claimed in claim 4, wherein the cells are selected from the group consisting fractioned tissue, un-fractioned tissue, and a body fluid.

6. (Amended) The method as claimed in claim 5, wherein the mixture comprises human mesenchymal stem cells.

7. (Amended) The method as claimed in claim 5, wherein the cells are selected from the group consisting a bone marrow, an embryonic yolk sac, a placenta, an umbilical cord, and a fetal, adolescent or adult body fluid, and a fetal, adolescent or adult tissue.

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Cancel claim 8 without prejudice.

Amend claims 9-11 as follows:

9. (Amended) The method as claimed in claim 1, wherein the mesenchymal stem cells are differentiatable into tissues comprising bone, adipose, or cartilage.

A5 10. (Amended) The method as claimed in claim 1, wherein the mesenchymal stem cells are characterized by CD 34⁺.

11. (Amended) The method as claimed in claim 9, wherein the mesenchymal stem cells are cultured in 10% fetal bovine serum-supplemented Dulbecco's modified Eagle's medium containing 1 g/L of glucose.

Cancel claims 12-20 without prejudice.

Add claims 21-31 as follows:

21. The method as claimed in claim 2, wherein the mixture comprises mammalian mesenchymal stem cells.

22. The method as claimed in claim 21, wherein the cells are selected from the group consisting of fractionated tissue, un-fractionated tissue, and a body fluid.

23. The method as claimed in claim 22, wherein the body fluid is blood.

24. The method as claimed in claim 22, wherein the mixture comprises human mesenchymal stem cells.

25. The method as claimed in claim 22, wherein the cells are selected from the group consisting of a bone marrow, an embryonic yolk sac, a placenta, an umbilical cord, and a fetal, adolescent or adult body fluid, and a fetal, adolescent or adult tissue.

26. The method as claimed in claim 21, wherein the mixture comprises human mesenchymal stem cells.

27. The method as claimed in claim 2, wherein the mesenchymal stem cells are differentiable into tissues comprising bone, adipose, or cartilage.

28. The method as claimed in claim 2, wherein the mesenchymal stem cells are characterized by CD 34.

29. The method as claimed in claim 2, wherein the mesenchymal stem cells are cultured in 10% fetal bovine serum-supplemented Dulbecco's modified Eagle's medium containing 1 g/L of glucose.

30. The method as claimed in claim 4, wherein the mixture comprises human mesenchymal stem cells.

31. The method as claimed in claim 5, wherein the body fluid is blood.
